


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Williams #14-8-4-2				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR HARVEST (US) HOLDINGS, INC						7. OPERATOR PHONE 281 899-5722				
8. ADDRESS OF OPERATOR 1177 Enclave Parkway, Houston, TX, 77077						9. OPERATOR E-MAIL jmckee@harvestnr.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Willis T. Williams						14. SURFACE OWNER PHONE (if box 12 = 'fee') 307-760-4935				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 61, Elk Mountain, WY 82324						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		660 FSL 1980 FWL		SESW	8	4.0 S	2.0 W	U		
Top of Uppermost Producing Zone		660 FSL 1980 FWL		SESW	8	4.0 S	2.0 W	U		
At Total Depth		660 FSL 1980 FWL		SESW	8	4.0 S	2.0 W	U		
21. COUNTY DUCHESE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 660			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 8500 TVD: 8500				
27. ELEVATION - GROUND LEVEL 5415			28. BOND NUMBER B 004657			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Neil Moon Pond				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	13.875	0 - 20	0.25	Unknown	8.4	Unknown	1	1.0	1.0
Surf	12.25	8.625	0 - 850	32.0	J-55 LT&C	8.6	Class G	305	1.15	15.8
Prod	7.875	5.5	0 - 8500	17.0	L-80 LT&C	9.5	Pozzuolanic	473	1.83	11.0
							50/50 Poz	501	1.21	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton			TITLE Permitting Agent (Buys & Associates, Inc)				PHONE 435 719-2018			
SIGNATURE			DATE 03/03/2011				EMAIL starpoint@etv.net			
API NUMBER ASSIGNED 43013506170000			APPROVAL  Permit Manager							

CONFIDENTIAL STATUS**HARVEST (US) HOLDINGS, INC.****Williams # 14-8-4-2**

SE ¼ SW ¼ Section 8-T4S-R2W-U.S.B&M.
Duchesne County, Utah

DRILLING PROGRAM**1. GEOLOGIC SURFACE FORMATION**

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

UINTAH	0'-2101'
GREEN RIVER	2,101' - 7,181'
UTELAND BUTTE	7,181' - 7,415'
WASATCH	7,415' - TD
TD	8500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Green River Formation 2,101' - 7,415'

Wasatch Formation 7,415' - 8,500'

Fresh water may be encountered in the Uintah Formation, but would not be expected below about 500'.

4. PROPOSED CASING PROGRAM**a. Casing Design:**

Size	Interval		Wt	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Conductor 13-3/8" Hole Size 20"	0'	20'	.0.25	linepipe	ERW			
Surface 8 5/8" Hole Size 12 1/4 "	0'	850'	32.0	J-55	LTC	3930 psi 8.2 SF	2530 psi 9.4 SF	503000 lbm 18.5 SF
Production 5 1/2" Hole Size 7 7/8"	0'	8,500'	17.0	L-80	LTC	7,740 psi 2.6 SF	6390 psi 2.1 SF	397000 lbm 2.7 SF

Assumptions:

- 1) Surface casing Maximum Allowable Surface Pressure (MASP) = Fracture gradient - Gas gradient
- 2) Production casing MASP (production mode) = Pore pressure - gas gradient
- 3) All collapse calculations assume fully evacuated casing w/gas gradient
- 4) All tension calculations assume air weight

Fracture gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at production casing shoe =	9.0 ppg

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Gas gradient = 0.115 psi/ft
 Frac gradient = 0.93 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of one (1) centralizer on each of the bottom three (3) joints.

b. Cementing Design:

Job	Fill	Description	Sacks ft ³	OH Excess	Weight (ppg)	Yield (ft ³ /sk)
Conductor Casing 13-7/8"	20' to surface	Ready mix				
Surface casing 8-5/8"	850' to surface	Class G w/ 2% CaCl ₂	305 351	30%	15.8	1.15
Production casing 5 1/2" Lead	5000' to surface	75/25 Poz + 6% gel + 2% gel KCl	473 867	30%	11.0	1.83
Production casing 5 1/2" Tail	5,000' to 8,500'	50/50 Poz w/ 2% gel + 3% KCl	501 607	30%	14.3	1.21

*Actual volume pumped will be 15% over the caliper log.

-Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours.

-Compressive strength of tail cement: 2500 psi @ 24 hours

Waiting on Cement (WOC): A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The 8-5/8" surface casing shall, in all cases, be cemented back to surface. In the event that during the primary surface cementing operation, the cement does not circulate to surface, or if the cement level should fall back more than 8' from surface, then a remedial surface cementing operation shall be performed to ensure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having cement to surface above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable pre-flush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

5. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>API Fluid Loss</u>
0'-20'	Water/Gel sweeps	8.4	N/A	N/A
20'-850'	Air or air mist	8.4-8.6	45-55	N/C
850'-8,500'	Water Base Mud	8.6-9.5	45-60	2-8

From surface to 20' will be drilled with fresh water and gel sweeps. From 20' to 850' feet will be drilled with air/air mist or fresh water gel system. From 850'-to Total Depth (TD) 8,500', a Water Base Mud will be used. This system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated max mud weight at TD is 9.5 ppg.

6. AUXILIARY SAFETY EQUIPMENT TO BE USED

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

7. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

The Company's minimum specifications for pressure control equipment for a standard Green River/Wasatch well are as follows:

A 5000 psi WP hydraulic BOP stack consisting of a double ram preventer and 3000 psi WP annular preventer will be installed before drilling beneath 8 5/8" surface casing.

Connections – All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Choke Manifold – The minimum equipment requirements are shown below. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Pressure Monitoring – A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

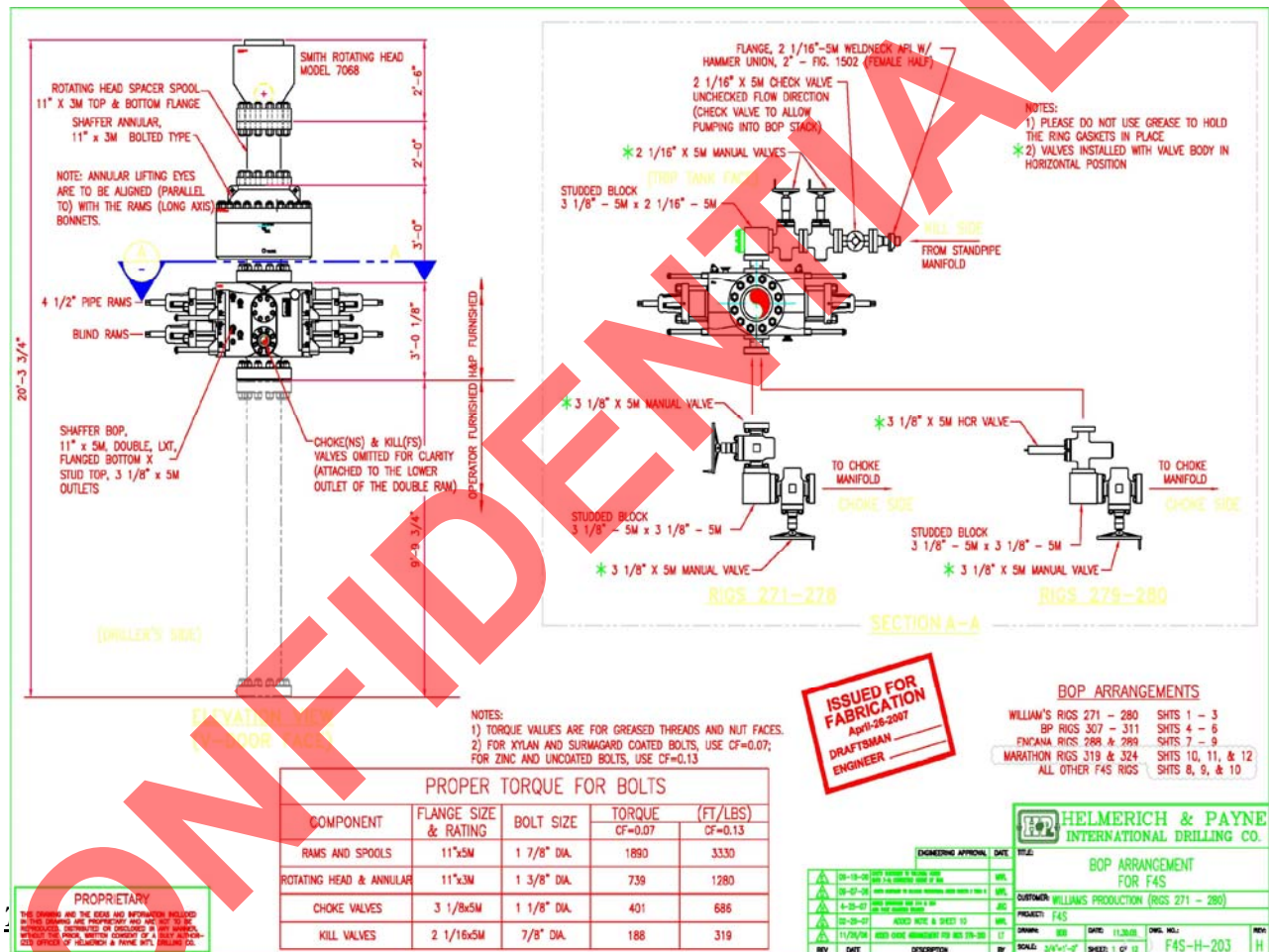
Drill String Control Devices – An upper and lower Kelly valve, drill string safety valve, including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drill string valves shall be rated to the required BOP working pressure.

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The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 (BLM) for equipment and testing requirements, procedures, etc., for a 5000 psi system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Daily report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling.



8.

a. Logging Program:

QUAD COMBO – TLD/CNL/DSI/SP/GR TD – 3,000'

CBL: A cement bond log will be run from Total Depth to 100' into the surface casing.

Note: The log types run may change at the discretion of the geologist.

b. Cores: No cores planned**c. Drill Stem Tests:** No DSTs are planned in the Green River or Wasatch formations

CONFIDENTIAL STATUS

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

CONFIDENTIAL

CONFIDENTIAL STATUS

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE

No abnormal pressures and temperatures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottom hole pressure will be 0.468 psi/foot of depth.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Anticipated Commencement Date:	July 1, 2011
Drilling Days:	Approximately 7
Completion Days:	Approximately 9

11. CONTACT INFORMATION:

Buys & Associates, Inc.
Don Hamilton/Regulatory Specialist
435-719-2018 Office
435-719-2019 Fax
starpoint@etv.net

Please use the above mentioned contact for any questions or concerns regarding the Form 3 Application for Permit to Drill, Drilling Plan or scheduling the onsite inspection. If the above mentioned contact is not available you may reach the following person:

Harvest (US) Holding, Inc.
Jeff Schrutka
Drilling & Completion Manager
281-899-5776 Office
713-231-8319 Cell
jschrutka@harvestnr.com

T4S, R2W, U.S.B.&M.**HARVEST (US) HOLDINGS, INC.**

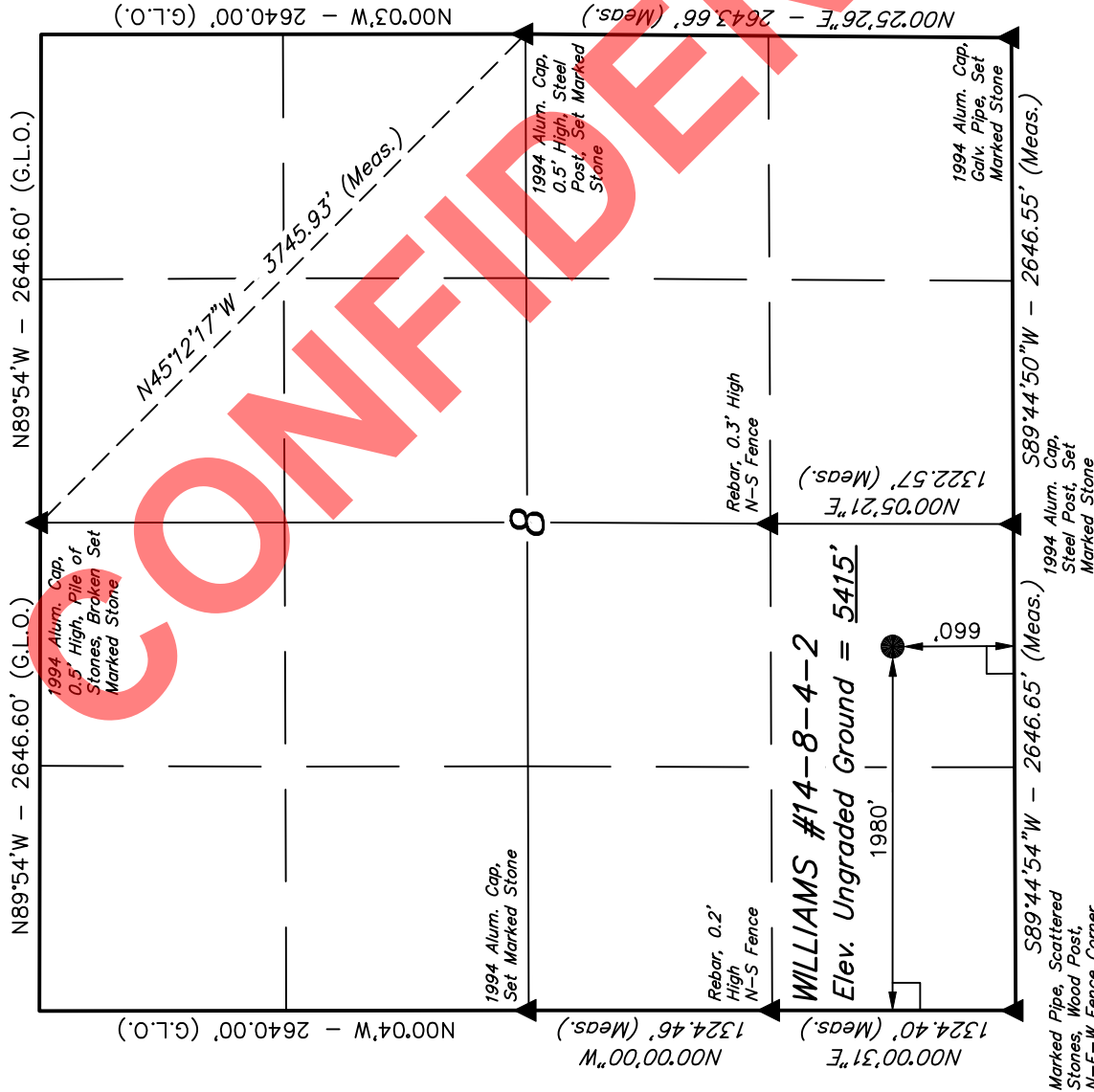
Well location, WILLIAMS #14-8-4-2, located as shown in the SE 1/4 SW 1/4 of Section 8, T4S, R2W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

**LEGEND:**

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83
 LATITUDE = 40°08'38.34" (40.143983)
 LONGITUDE = 110°08'08.44" (110.135678)
 NAD 27
 LATITUDE = 40°08'38.48" (40.144022)
 LONGITUDE = 110°08'05.90" (110.134972)



SCALE

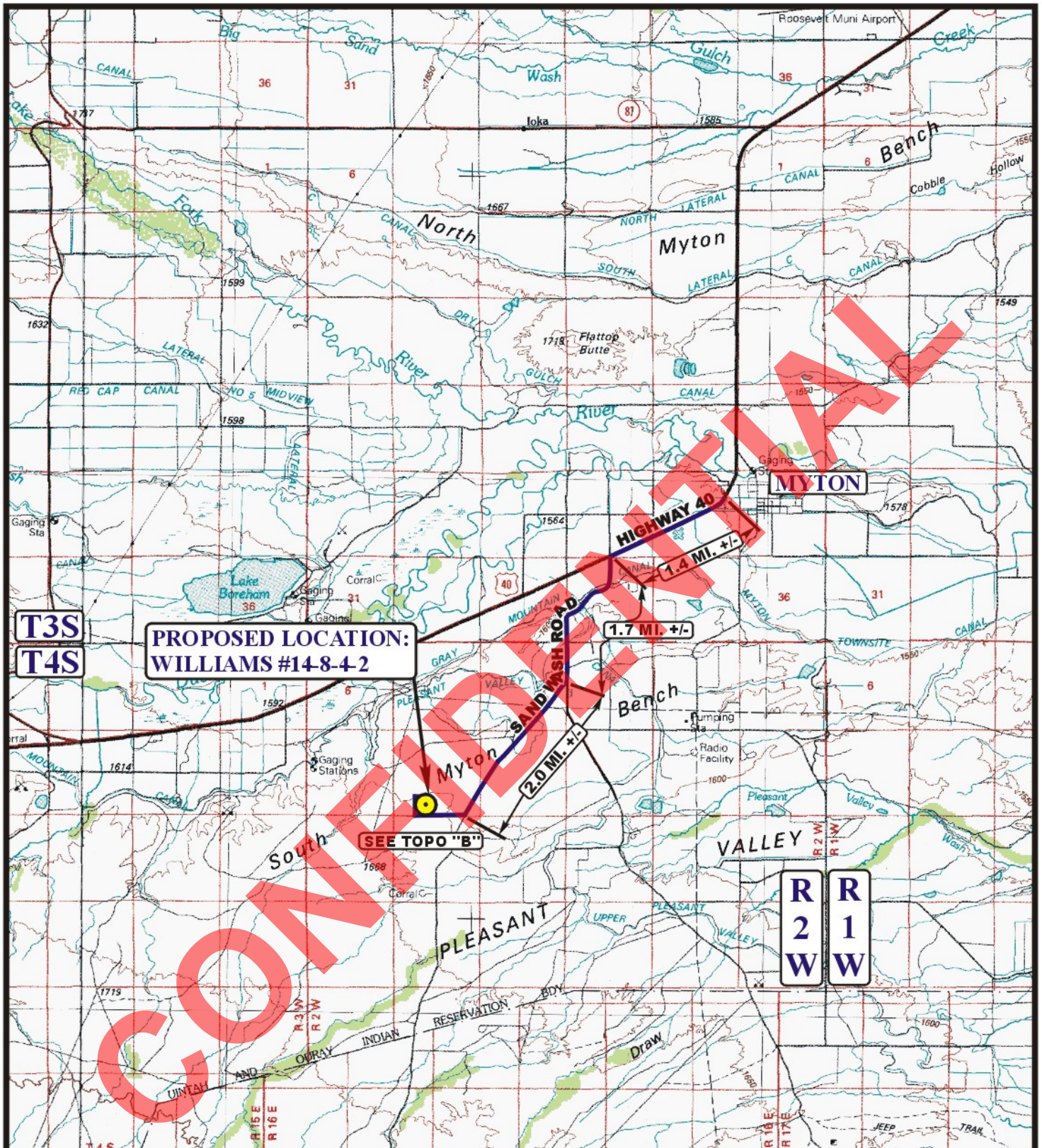
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY CLOSEST SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-13-10	DATE DRAWN: 01-17-11
PARTY C.R.. G.S. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE	
		HARVEST (US) HOLDINGS, INC.



LEGEND:

● PROPOSED LOCATION

HARVEST (US) HOLDINGS, INC.

WILLIAMS #14-8-4-2

SECTION 8, T4S, R2W, U.S.B.&M.

660' FSL 1980' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



**ACCESS ROAD
MAP**

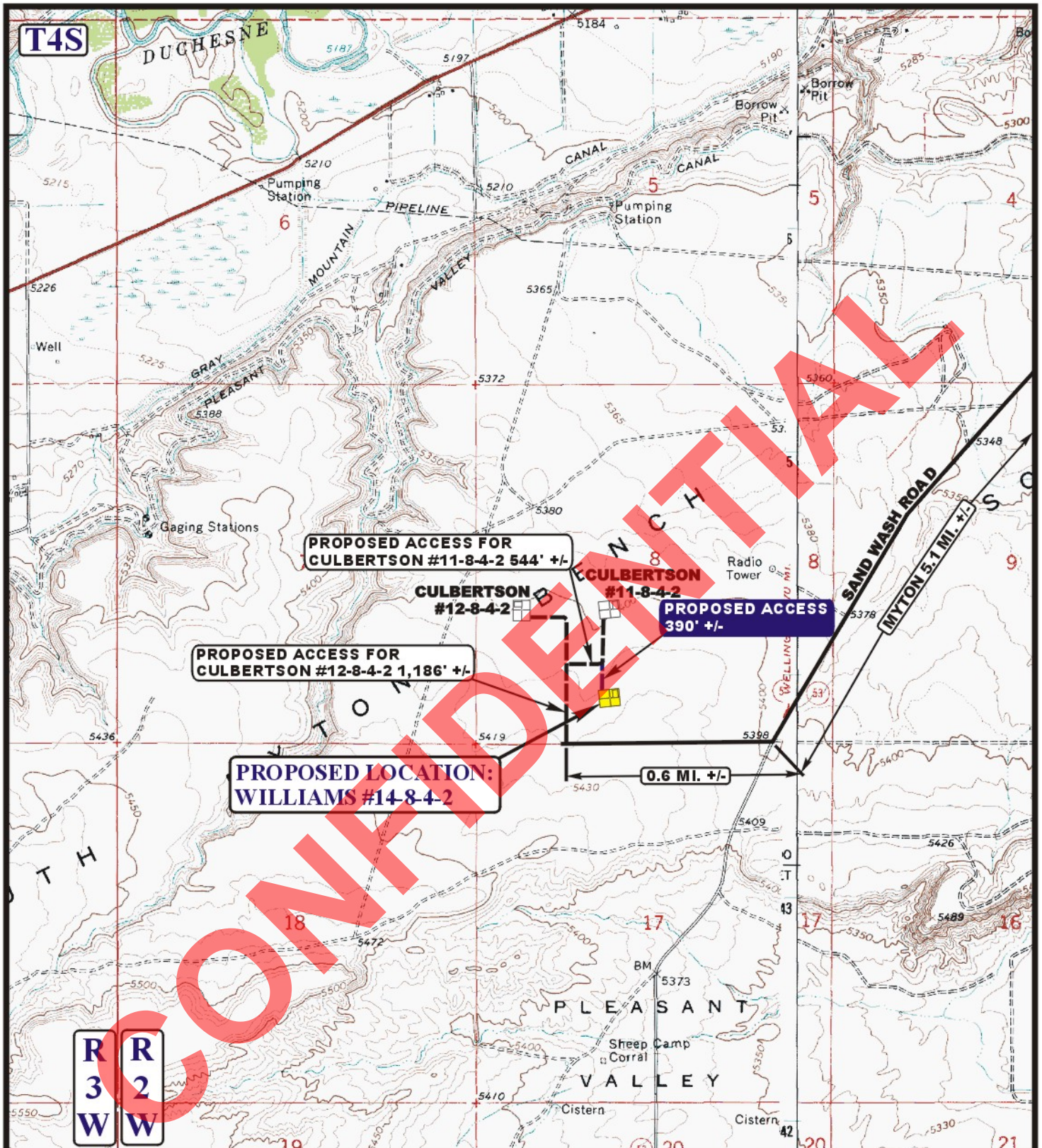
01 14 11
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: J.J.

REVISED: 00-00-00

**A
TOPO**



LEGEND:

————— EXISTING ROAD
 - - - - - PROPOSED ACCESS ROAD

HARVEST (US) HOLDINGS, INC.

WILLIAMS #14-8-4-2
SECTION 8, T4S, R2W, U.S.B.&M.
660' FSL 1980' FWL



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ACCESS ROAD
MAP

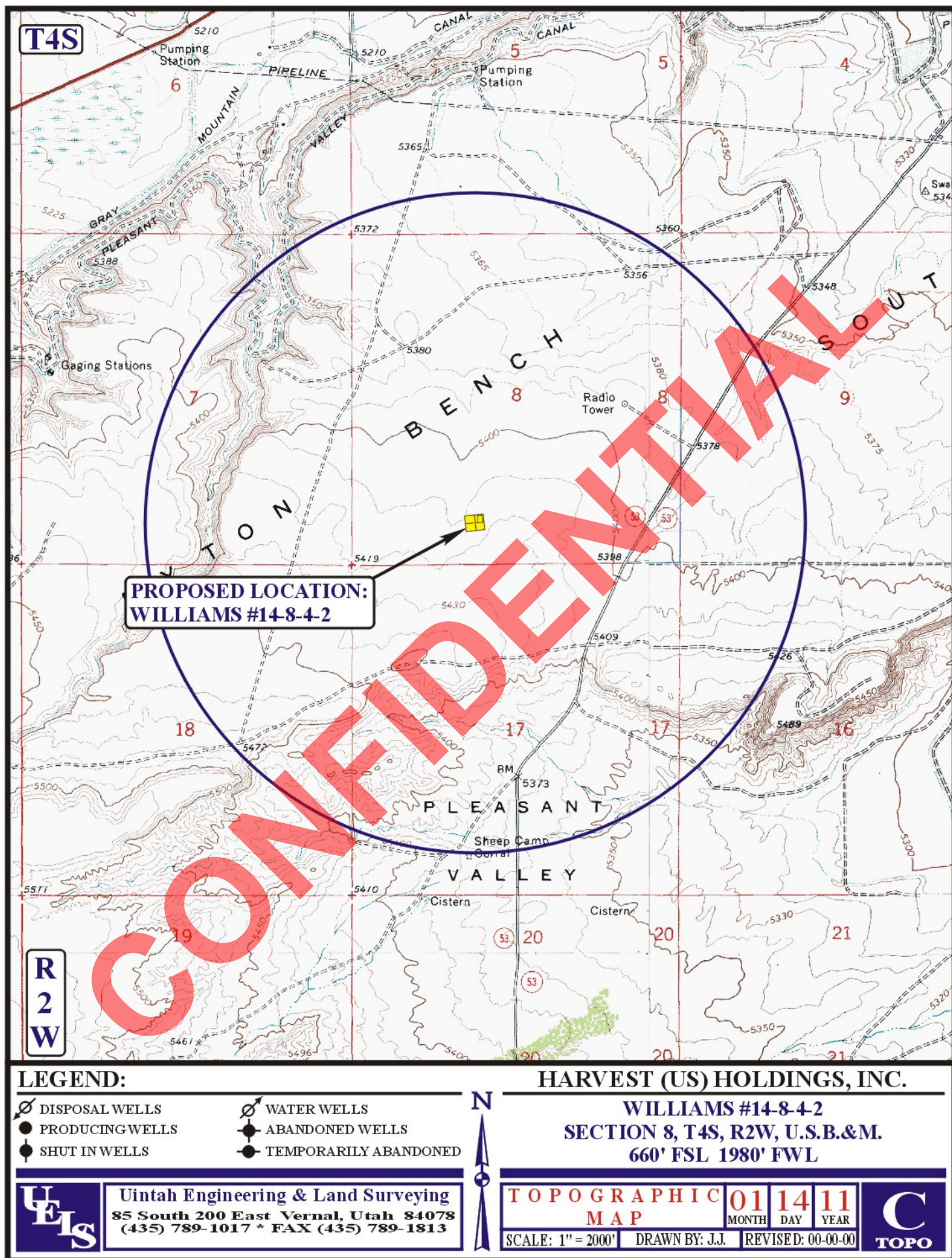
SCALE: 1" = 2000'

DRAWN BY: J.J.

01 14 11
 MONTH DAY YEAR

REVISED: 00-00-00

B
TOPO



MEMORANDUM OF SURFACE DAMAGE RELEASE

State of Utah)
)
 County of Duchesne)

For Ten Dollars (\$10.00) and other adequate consideration, **Willis T. Williams, whose address is P.O. Box 61, Elk Mountain, Wyoming 82324-0159** hereafter referred to as "Surface Owner" has granted, a Surface Damage Release, to **Harvest (US) Holdings, Inc. of 1177 Enclave Parkway, Suite 300, Houston, Texas 77077**, hereafter referred to as "Harvest", dated this 26 day of January, 2010, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from Williams 14-8-4-2 Well on the following lands (the "Lands") in Duchesne County Utah: **Township 4 South Range 2 West, USM, Section 8: SE/4SW/4**, Duchesne County, see attached Plat for well location:

The Surface Damage Release is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Damage Release. Which shall terminate six months after production has ceased and the filing of an affidavit by Grantor of termination shall be prima facie evidence of such fact.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 26 day of January, 2011.

SURFACE OWNER:

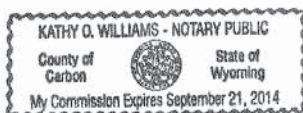
Willis T. Williams
 Willis T. Williams

ACKNOWLEDGEMENT

STATE OF UTAH }
 }:SS
 COUNTY OF DUCHESNE }

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 26th day of January, 2011, personally appeared **Willis T. Williams**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Kathy O W Williams
 Notary Public



ROAD RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
COUNTY OF DUCHESNE } :SS
}

FOR AND IN CONSIDERATION OF TEN & 00/100ths DOLLARS (\$10.00) and other good and valuable consideration, in hand paid to Willis T. Williams, whose address is P.O. Box, 61 Elk Mountain, Wyoming 82324-0159,

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to **Harvest (US) Holdings, Inc. of 1177 Enclave Parkway, Suite 300, Houston, Texas 77077**, its successors or assigns, a right-of-way to construct, maintain and use a road for the purpose of drilling, operating and maintaining a well or wells for the production of the oil and/or gas, and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said road and lands for any purpose necessary or incidental to the drilling, operating and maintaining a well or wells owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in Duchesne County, State of Utah, to-wit:

Township 4 South-Range 2 West, USM, Section 8: SE/4 SW/4 Duchesne County, see attached Plat(s) for the described right-of-way location:

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantor shall not place anything over or so close to any road, or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of the road. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the roads, and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty-Six (66') feet in width. Disturbed ground not in the permanent road easement to be reseeded at recommended seeding rates per Surface Owner once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below.

Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee, at which time Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition, "and the filing of affidavit by Grantor that such use has terminated shall be prima facie evidence of fact."

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 26 day of January, 2011.

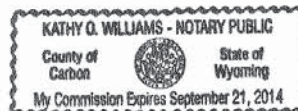
Willis T. Williams
Willis T. Williams

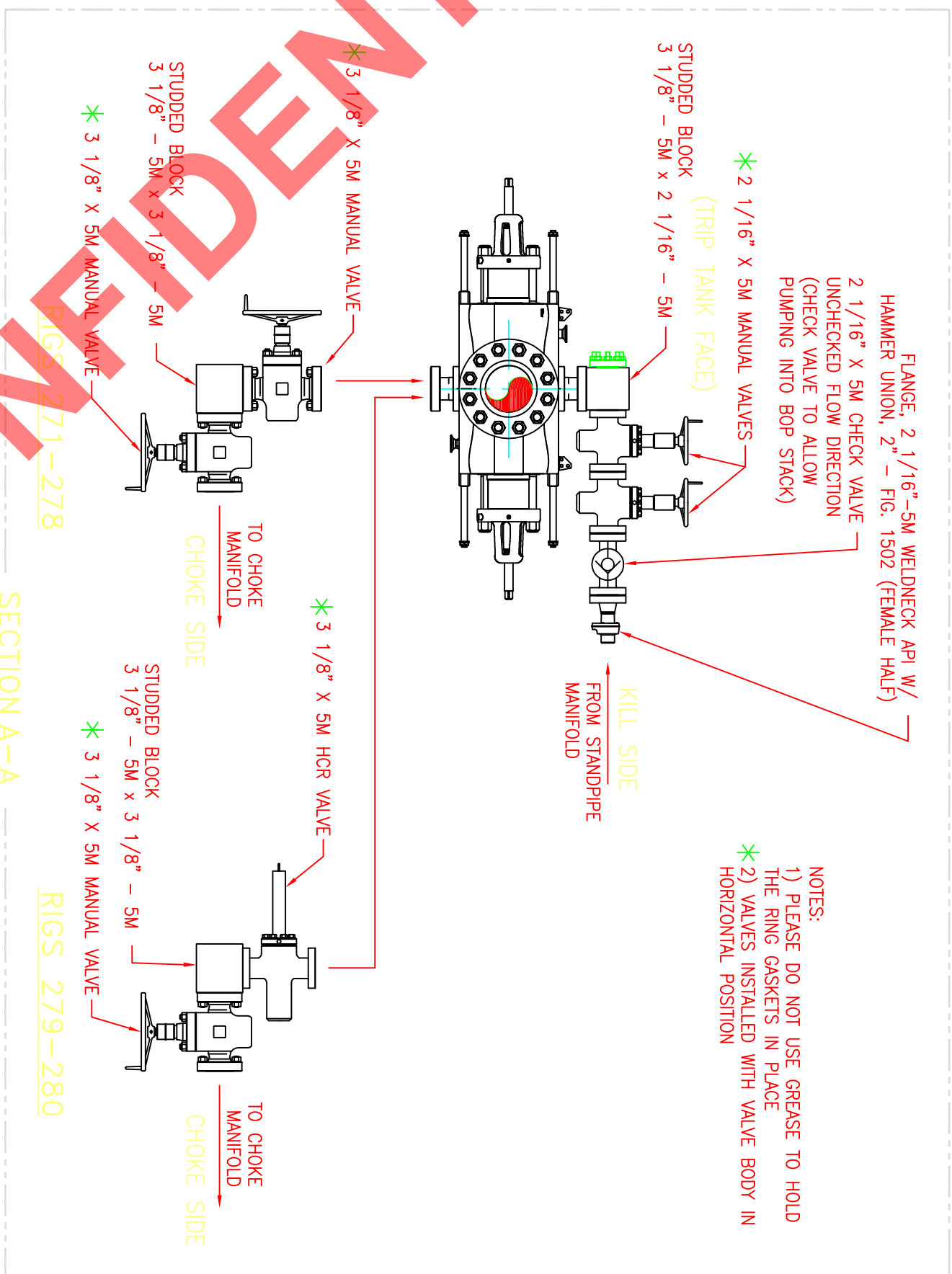
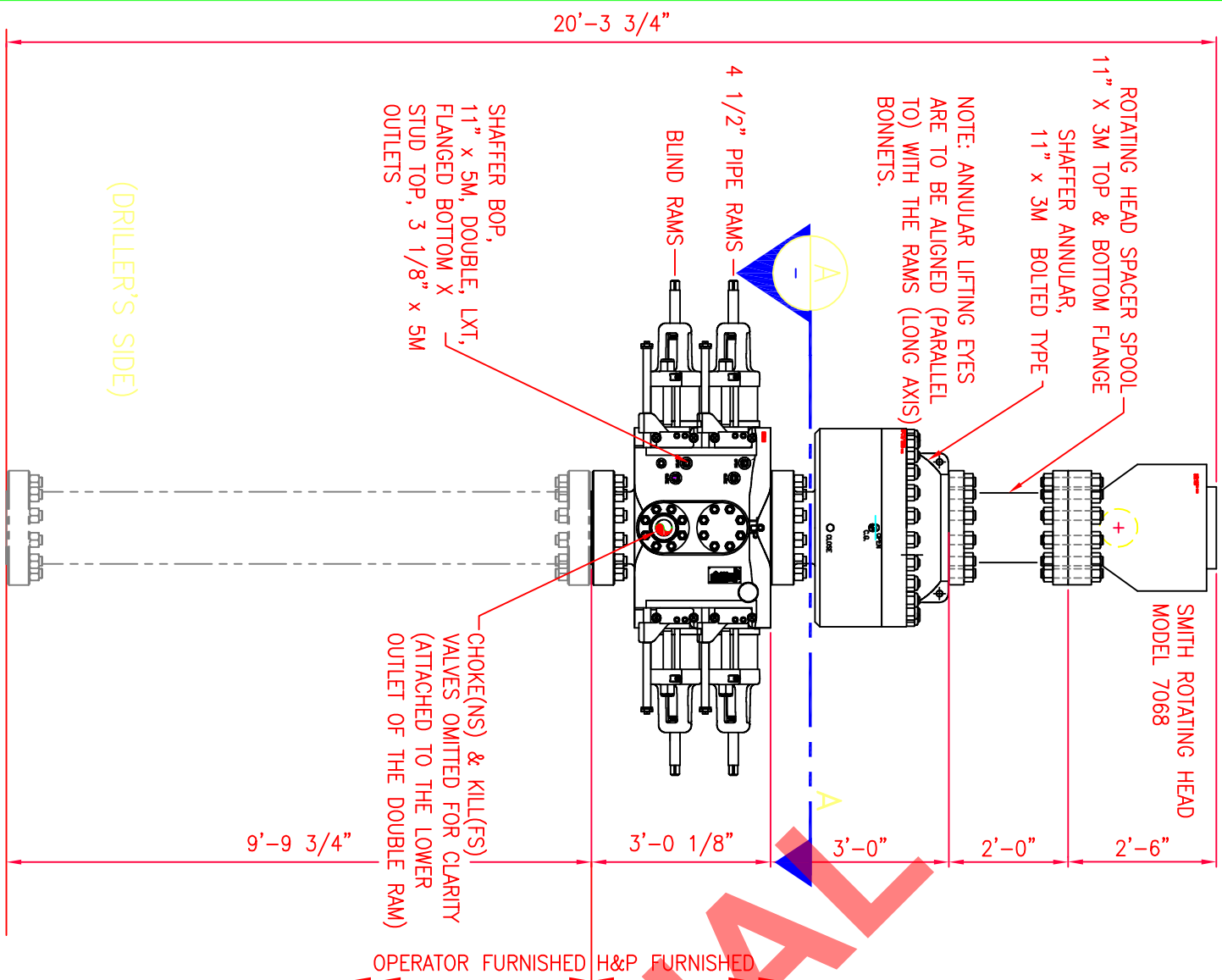
ACKNOWLEDGEMENT

STATE OF UTAH }
COUNTY OF DUCHENSE } :SS
}

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 26 day of January, 2011, personally appeared Willis T. Williams, before me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Kathy O. Williams Notary Public





NOTES:

- 1) PLEASE DO NOT USE GREASE TO HOLD THE RING GASKETS IN PLACE
- 2) VALVES INSTALLED WITH VALVE BODY IN HORIZONTAL POSITION

PROPER TORQUE FOR BOLTS				
COMPONENT	FLANGE SIZE & RATING	BOLT SIZE	TORQUE (FT/LBS)	
			CF=0.07	CF=0.13
RAMS AND SPOOLS	1 1"x5M	1 7/8" DIA.	1890	3330
ROTATING HEAD & ANNULAR	1 1"x3M	1 3/8" DIA.	739	1280
CHOKE VALVES	3 1/8x5M	1 1/8" DIA.	401	686
KILL VALVES	2 1/16x5M	7/8" DIA.	188	319

PROPRIETARY

THIS DRAWING AND THE IDEAS AND INFORMATION INCLUDED IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER, WITHOUT THE PRIOR, WRITTEN CONSENT OF A DULY AUTHORIZED OFFICER OF HELMERICH & PAYNE INT'L DRILLING CO.

ISSUED FOR FABRICATION
April-26-2007
DRAFTSMAN _____
ENGINEER _____

ENGINEERING APPROVAL			DATE	TITLE:			
△	09-18-06	CHD CUSTOMER TO WILLIAMS, ADDED SMS 7-4, CORRECTED HEIGHT OF PAW	MMWL	BOP ARRANGEMENT FOR F4S CUSTOMER: WILLIAMS PRODUCTION (RGS 271 - 280) PROJECT: F4S			
△	09-07-06	CHD CUSTOMER TO WILLIAMS PRODUCTION, ADDED SHEETS 2 THRU 6	MMWL				
△	4-25-07	ADDED MATERIAL RGS 314 & 324 AND PAW, HUBBERS (ADDED)	JBG				
△	02-26-07	ADDED NOTE & SHEET 10	MMWL				
△	11/28/06	ADDED CHOICE ARRANGEMENT FOR RGS 279-280	LT				
REV	DATE	DESCRIPTION	BY				
				SCALE: 3/4"=1'-0"	SHEET: 1 OF 12	F4S-H-203	REV: H

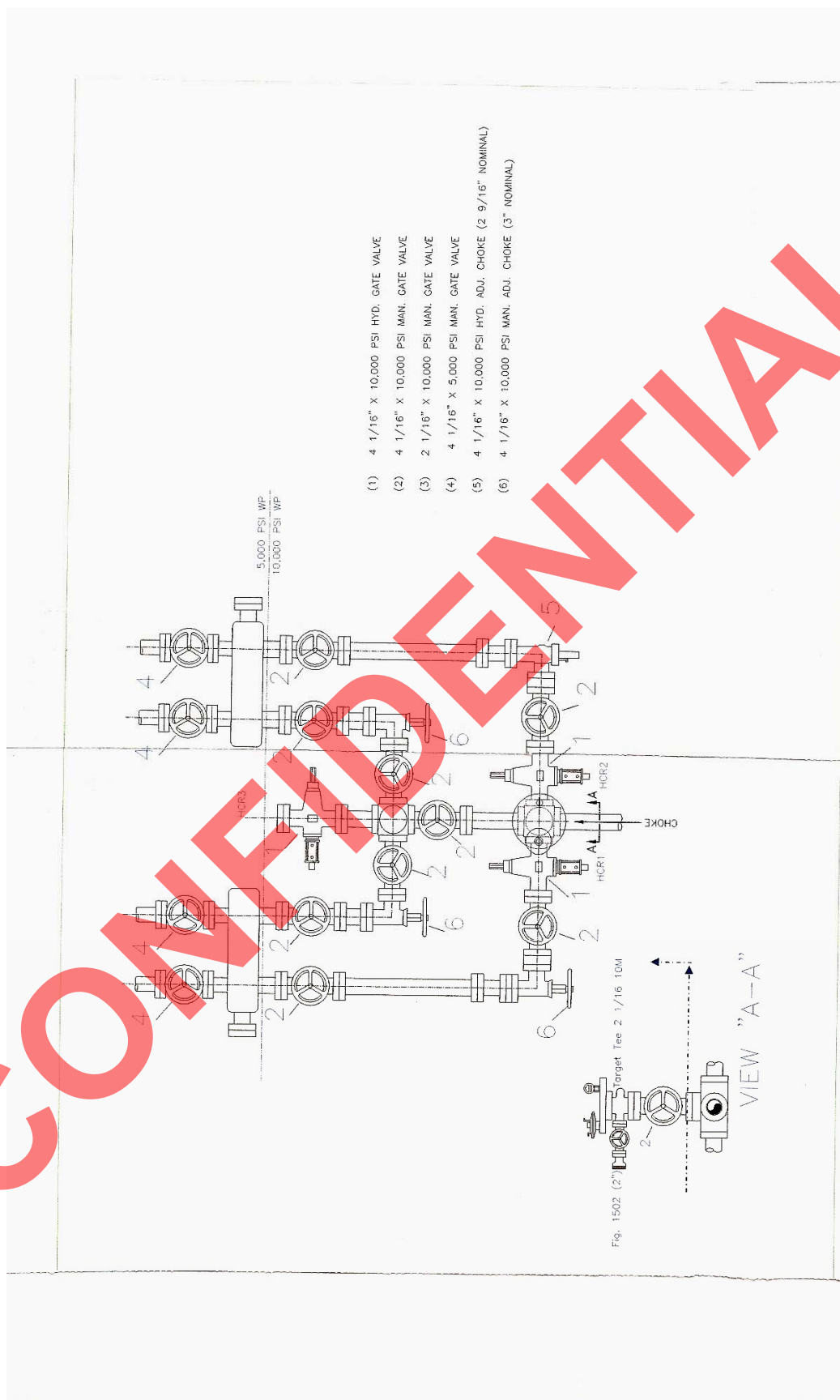
WILLIAM'S RIGS	271	-	280	SHTS 1 - 3
BP RIGS	307	-	311	SHTS 4 - 6
ENCANA RIGS	288	&	289	SHTS 7 - 9
MARATHON RIGS	319	&	324	SHTS 10, 11, & 12
ALL OTHER F4S RIGS				SHTS 8, 9, & 10

BOP ARRANGEMENTS



HELMERICH & PAYNE
INTERNATIONAL DRILLING CO.

CONFIDENTIAL STATUS



HARVEST (US) HOLDINGS, INC.

LOCATION LAYOUT FOR

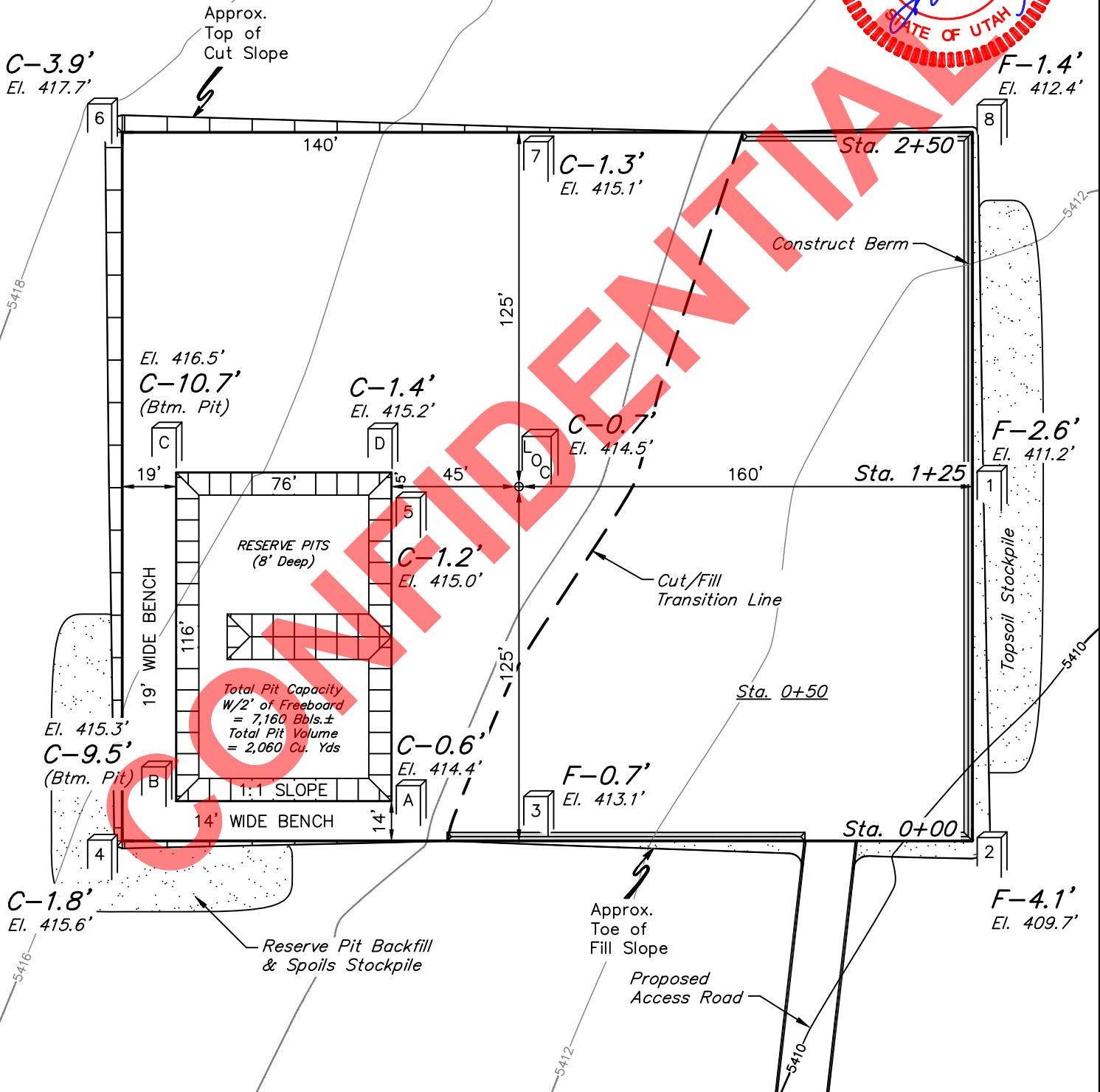
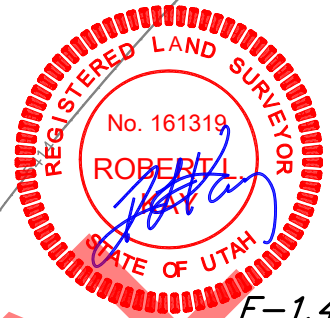
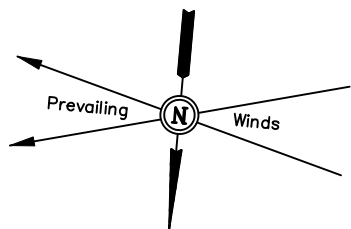
WILLIAMS #14-8-4-2
SECTION 8, T4S, R2W, U.S.B.&M.
660' FSL 1980' FWL

FIGURE #1

SCALE: 1" = 50'

DATE: 01-17-11

DRAWN BY: C.C.



Elev. Ungraded Ground At Loc. Stake = 5414.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 5413.8'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: Mar. 03, 2011

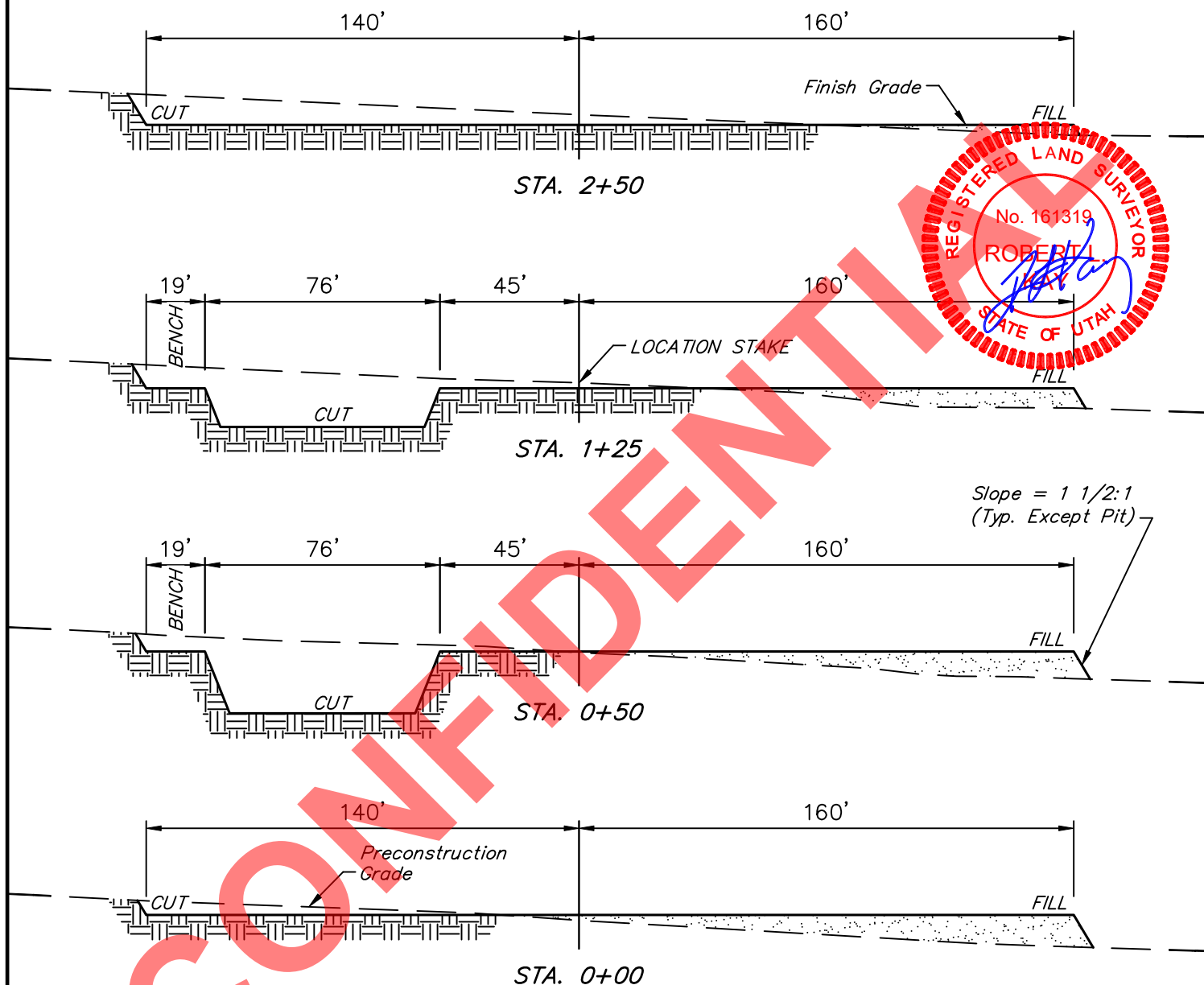
HARVEST (US) HOLDINGS, INC.

FIGURE #2

X-Section
Scale
1" = 50'
DATE: 01-17-11
DRAWN BY: C.C.

TYPICAL CROSS SECTIONS FOR

WILLIAMS #14-8-4-2
SECTION 8, T4S, R2W, U.S.B.&M.
660' FSL 1980' FWL



NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 2.410 ACRES
ACCESS ROAD DISTURBANCE = ± 0.251 ACRES
TOTAL = ± 2.661 ACRES

* NOTE:

FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,500 Cu. Yds.
Remaining Location = 3,800 Cu. Yds.
TOTAL CUT = 5,300 CU.YDS.
FILL = 2,770 CU.YDS.

EXCESS MATERIAL = 2,530 Cu. Yds.
Topsoil & Pit Backfill = 2,530 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: Mar. 03, 2011

HARVEST (US) HOLDINGS, INC.

TYPICAL RIG LAYOUT FOR

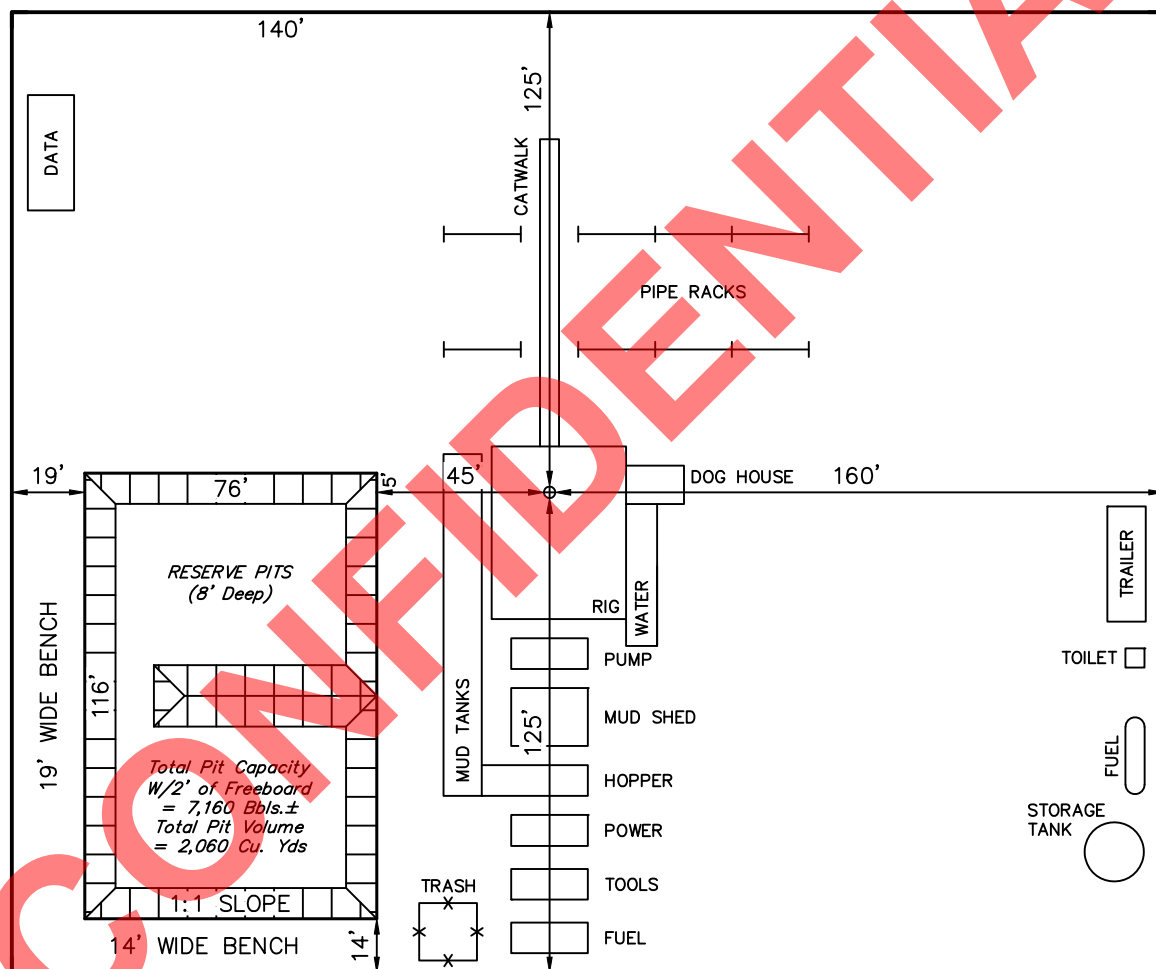
WILLIAMS #14-8-4-2
SECTION 8, T4S, R2W, U.S.B.&M.
660' FSL 1980' FWL

FIGURE #3

SCALE: 1" = 50'

DATE: 01-17-11

DRAWN BY: C.C.



UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: Mar. 03, 2011



HARVEST (US) HOLDINGS, INC.

PRODUCTION FACILITY LAYOUT FOR

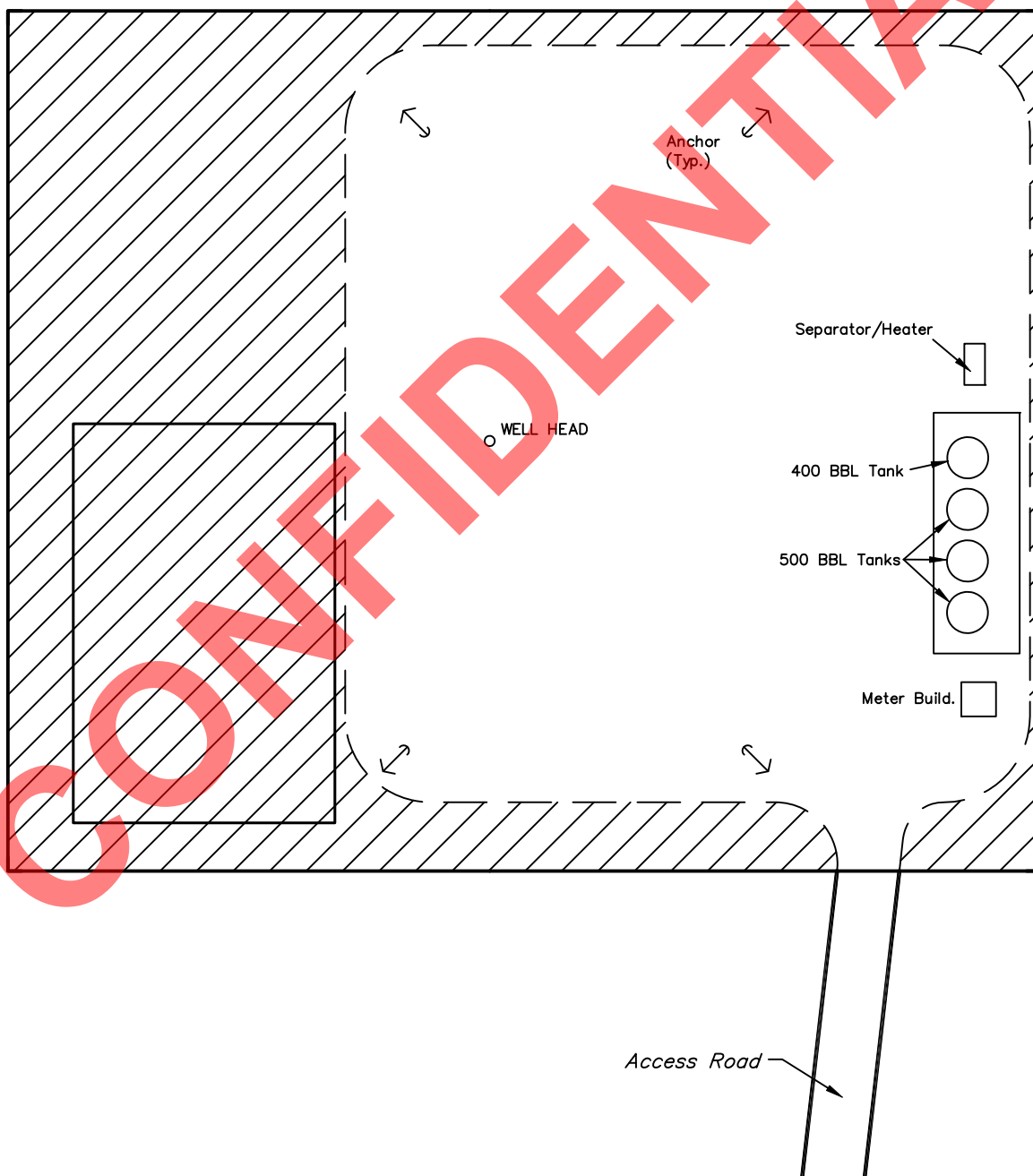
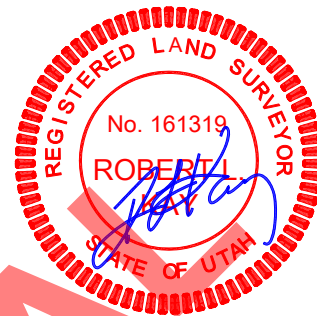
WILLIAMS #14-8-4-2
SECTION 8, T4S, R2W, U.S.B.&M.
660' FSL 1980' FWL

FIGURE #4

SCALE: 1" = 50'

DATE: 01-17-11

DRAWN BY: C.C.



RECLAIMED AREA

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: Mar. 03, 2011



Well Name: Williams #14-8-4-2

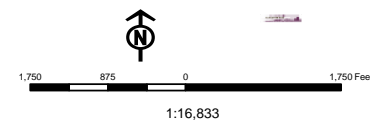
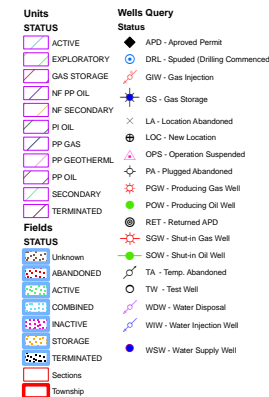
Township T0.4 . Range R0.2 . Section 08

Meridian: UBM

Operator: HARVEST (US) HOLDINGS, INC

Map Prepared:

Map Produced by Diana Mason





State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Office of the Governor
PUBLIC LANDS POLICY COORDINATION

JOHN HARJA
Director

March 21, 2011

Diana Mason
Petroleum Specialist
Department of Natural Resources, Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Subject: Application for Permit to Drill Williams #14-8-4-2 well
RDCC Project No. 25560

Dear Ms. Mason:

The State of Utah, through the Public Lands Policy Coordination Office (PLPCO), has reviewed this project. Utah Code (Section 63J-4-601, *et. seq.*) designates PLPCO as the entity responsible to coordinate the review of technical and policy actions that may affect the physical resources of the state, and to facilitate the exchange of information on those actions among federal, state, and local government agencies. As part of this process, PLPCO makes use of the Resource Development Coordinating Committee (RDCC). The RDCC includes representatives from the state agencies that are generally involved or impacted by public lands management.

Division of Air Quality

Because fugitive dust may be generated during soil disturbance the proposed project will be subject to Air Quality rule R307-205-5 for Fugitive Dust. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules can be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The state encourages the use of Best Management Processes (BMP s) in protecting air quality in Utah. The state recommends the following BMP s as standard operating procedures:

- 1) Emission Standards for Stationary Internal Combustion Engines of 2 g/bhp-hr of NOx for engines less than 300 HP (Tier 3) and 1 g/bhp-hr of NOx for engines over 300 HP (Tier 3).

- 2) No or low bleed controllers for Pneumatic Pumps, Actuators and other Pneumatic devices.
- 3) Green completion or controlled VOC emissions methods with 90% efficiency for Oil or Gas Atmospheric Storage Tanks, VOC Venting controls or flaring. Glycol Dehydration and Amine Units Units, VOC Venting controls or flaring, Well Completion, Re-Completion, Venting, and Planned Blowdown Emissions.

If compressors or pump stations are constructed at the site a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules can be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The State of Utah appreciates the opportunity to review this proposal and we look forward to working with you on future projects. Please direct any other written questions regarding this correspondence to the Public Lands Policy Coordination Office at the address below, or call Judy Edwards at (801) 537-9023.

Sincerely,



John Harja
Director

Well Name	HARVEST (US) HOLDINGS, INC Williams #14-8-4-2 43013506170000			
String	Cond	Surf	Prod	
Casing Size(in)	13.875	8.625	5.500	
Setting Depth (TVD)	20	850	8500	
Previous Shoe Setting Depth (TVD)	0	20	850	
Max Mud Weight (ppg)	8.4	8.6	9.5	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3930	7740	
Operators Max Anticipated Pressure (psi)	3978		9.0	

Calculations	Cond String	13.875	"
Max BHP (psi)	.052*Setting Depth*MW=	9	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	5	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5	NO
Required Casing/BOPE Test Pressure=		20	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	380	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	278	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	193	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	197	NO Reasonable
Required Casing/BOPE Test Pressure=		850	psi
*Max Pressure Allowed @ Previous Casing Shoe=		20	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4199	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3179	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2329	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2516	NO Reasonable
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		850	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi

API Well Number: 43013506170000

*Max Pressure Allowed @ Previous Casing Shoe=

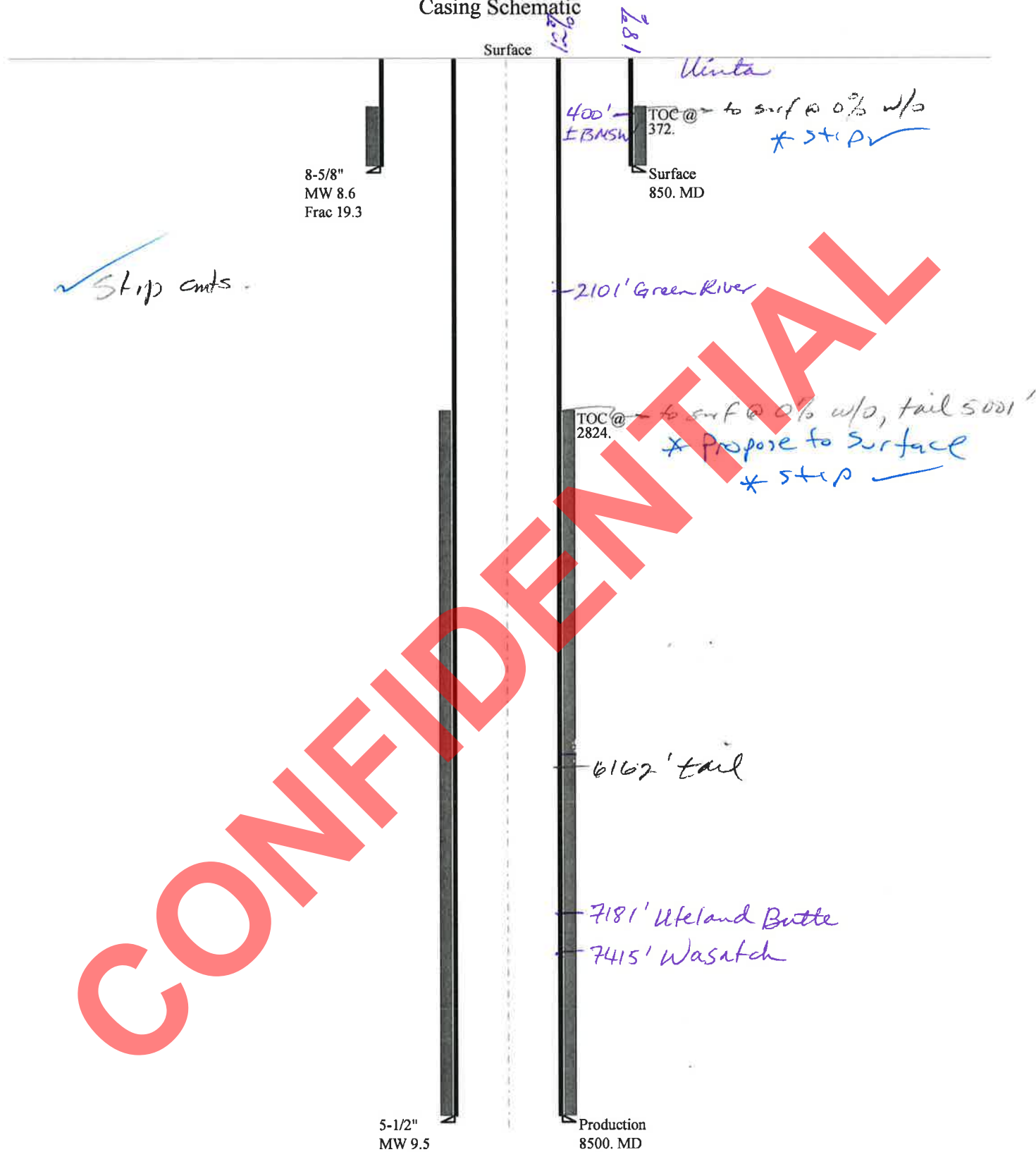
psi *Assumes 1psi/ft frac gradient

CONFIDENTIAL

RECEIVED: May. 02, 2011

43013506170000 Williams #14-8-4-2

Casing Schematic



Well name:	43013506170000 Williams #14-8-4-2	
Operator:	HARVEST (US) HOLDINGS, INC	Project ID:
String type:	Surface	43-013-50617
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 86 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 372 ft

Burst

Max anticipated surface pressure: 748 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 850 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 741 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 8,500 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,195 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 850 ft
Injection pressure: 850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	850	8.625	32.00	J-55	LT&C	850	850	7.875	6850
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	380	2530	6.662	850	3930	4.62	27.2	417	15.33 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: April 19, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 850 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: May. 02, 2011

Well name:	43013506170000 Williams #14-8-4-2		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Production	Project ID:	43-013-50617
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 193 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 2,824 ft

Burst

Max anticipated surface pressure: 2,325 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,195 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 7,275 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8500	5.5	17.00	L-80	LT&C	8500	8500	4.767	53855
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4195	6290	1.499	4195	7740	1.85	144.5	338	2.34 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: April 19, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8500 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: May. 02, 2011

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator HARVEST (US) HOLDINGS, INC
Well Name Williams #14-8-4-2
API Number 43013506170000 **APD No** 3505 **Field/Unit** WILDCAT
Location: 1/4,1/4 SESW **Sec** 8 **Tw** 4.0S **Rng** 2.0W 660 FSL 1980 FWL
GPS Coord (UTM) 573687 4443893 **Surface Owner** Willis T. Williams

Participants

Floyd Bartlett (DOGM), Jeff Schrutka, John Paul McKee and Zander McIntyre (Harvest (US) Holdings, INC.

Regional/Local Setting & Topography

The general area is on South Myton Bench approximately 5.8 road miles southwest of Myton, UT. The terrain appears to drain northerly approximately two miles to the Pleasant Valley and Gray Mountain Canals. The general area is characterized by broad flats in rolling topography. Some flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 330 feet of road will be improved or constructed across private land to reach the location.

The proposed pad for the Williams #14-8-4-2 oil well is oriented in a north to south direction on a flat which has a slight slope to the northwest. No drainages intersect the location. No springs, streams, seeps or ponds are known to exist in the general area. The location is within the normal drilling window and appears to be a suitable site for drilling and operating a well.

Willis T. Williams of Elk Mountain, Wyoming owns the surface.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.025	Width 250 Length 300	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

The vegetation is a desert shrub type. Common plants include shadscale, curly mesquite grass, winter fat, horsebrush, halogeton, broom snakeweed and weedy annuals.

Cattle, deer, small mammals and birds.

Soil Type and Characteristics

Deep sandy clay loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N

Paleo Potential Observed? N

Cultural Survey Run? N

Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		20

1 Sensitivity Level

Characteristics / Requirements

A 76' x 116' x 8' deep reserve pit is proposed in the northeast corner of the location. It will be lined with a 20-mil liner.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 16

Pit Underlayment Required? Y

Other Observations / Comments

Floyd Bartlett
Evaluator

3/17/2011
Date / Time

Application for Permit to Drill Statement of Basis

5/4/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3505	43013506170000	LOCKED	OW	P	No
Operator	HARVEST (US) HOLDINGS, INC		Surface Owner-APD	Willis T. Williams	
Well Name	Williams #14-8-4-2		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	SESW 8 4S 2W U 660 FSL 1980 FWL GPS Coord (UTM) 573689E 4443881N				

Geologic Statement of Basis

Harvest proposes to set 850' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows 8 water wells within a 10,000 foot radius of the center of Section 8.. Depths for these wells ranges from 10 to 250 feet. Only one well is within 1 mile of the proposed location. This well is over 1/2 mile from the proposed site and no depth is listed for this well. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect usable ground water in this area.

Brad Hill
APD Evaluator4/4/2011
Date / Time**Surface Statement of Basis**

The general area is on South Myton Bench approximately 5.8 road miles southwest of Myton, UT. The terrain appears to drain northerly approximately two miles to the Pleasant Valley and Gray Mountain Canals. The general area is characterized by broad flats in rolling topography. Some flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 330 feet of road will be improved or constructed across private land to reach the location.

The proposed pad for the Williams #14-8-4-2 oil well is oriented in a north to south direction on a flat which has a slight slope to the northwest. No drainages intersect the location. No springs, streams, seeps or ponds are known to exist in the general area. The location is within the normal drilling window and appears to be a suitable site for drilling and operating a well.

Willis T. Williams of Elk Mountain, Wyoming owns the surface. Mr. Williams was contacted by telephone and advised of and invited to attend the pre-site evaluation. He said he would not attend. A Surface Use Agreement exists. The minerals are also FEE and under lease to Harvest (US) Holdings INC..

Floyd Bartlett
Onsite Evaluator3/17/2011
Date / Time**Conditions of Approval / Application for Permit to Drill**

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner as needed shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: May. 04, 2011

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/3/2011

API NO. ASSIGNED: 43013506170000

WELL NAME: Williams #14-8-4-2

OPERATOR: HARVEST (US) HOLDINGS, INC (N3520)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SESW 08 040S 020W

Permit Tech Review: ☒

SURFACE: 0660 FSL 1980 FWL

Engineering Review: ☒

BOTTOM: 0660 FSL 1980 FWL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.14394

LONGITUDE: -110.13494

UTM SURF EASTINGS: 573689.00

NORTHINGS: 4443881.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE/FEE - B 004657☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: Neil Moon Pond☒ RDCC Review: 2011-05-03 00:00:00.0☒ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: R649-3-2

Effective Date:

Siting:

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:

5 - Statement of Basis - bhill
12 - Cement Volume (3) - ddoucet
21 - RDCC - dmason
23 - Spacing - dmason
25 - Surface Casing - hmadonald

RECEIVED: May. 04, 2011



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Williams #14-8-4-2

API Well Number: 43013506170000

Lease Number: Fee

Surface Owner: FEE (PRIVATE)

Approval Date: 5/4/2011

Issued to:

HARVEST (US) HOLDINGS, INC, 1177 Enclave Parkway, Houston, TX 77077

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
- OR
- submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

API Well No: 43013506170000

Approved by:

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# 26 Submitted By Britt Stubbs Phone Number 435-823-0096
Well Name/Number Williams 14-8-4-2
Qtr/Qtr SE/SW Section 8 Township 4S Range 2W
Lease Serial Number FEE
API Number 43-013-50617

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/27/11 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 7/17/11 3:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective

5/17/2011

FROM: (Old Operator): N3520-Harvest (US) Holdings, Inc 1177 Enclave Parkway, Suite 300 Houston, TX 77077 Phone: 1 (281) 899-5700				TO: (New Operator): N2695-Newfield Production Company 1001 17th St, Suite 2000 Denver, CO 80202 Phone: 1 (303) 893-0102			
CA No.				Unit:			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE
SEE 11 ATTACHED SUNDRIES							

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on 6/22/2011
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/22/2011
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/22/2011
- 4a. Is the new operator registered in the State of Utah: yes Business Number: 755627-0143
- 4b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete or n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 7/14/2011
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/14/2011
3. Bond information entered in RBDMS on: 7/14/2011
4. Fee/State wells attached to bond in RBDMS on: 7/14/2011
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: WY000483
- 2a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001834
- 2b. The **FORMER** operator has requested a release of liability from their bond (n/a)
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/14/2011

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY <u>N2695</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1001 17TH ST, SUITE 2000 CITY: DENVER STATE: CO ZIP: 80202 PHONE NUMBER: (303) 893-0102		7. UNIT or CO-AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660 FSL & 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 8 4S 2W		8. WELL NAME and NUMBER: WILLIAMS #14-8-4-2
		9. API NUMBER: 4301350617
		10. FIELD AND POOL, OR WILDCAT: WILDCAT
		COUNTY: DUCHESNE STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>5/17/2011</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 05/17/2011, Newfield Production Company will take over operations of the referenced well.

The previous owner/operator was:

Harvest (US) Holdings, Inc.
1177 Enclave Parkway
Houston, TX 77077

Effective 05/17/2011, Newfield Production Company is responsible under the terms and conditions of the leases for operations conducted on the leases lands or a portion thereof under BLM Bond No. RLB0010466 B001834

Print Name: Patrick R. Oenbring N 3520 Title: President and CEO

Seller Signature: Patrick R Oenbring Date: 05/17/2011

NAME (PLEASE PRINT) KELLY DONOHUE TITLE RM LAND MANAGER
SIGNATURE Kelly Donohue DATE 5/17/2011

(This space for State use only)

APPROVED 7/14/2011
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

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JUN 22 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	WILLIAMS #14-8-4-2
API number:	4301350617
Location:	Qtr-Qtr: SESW Section: 8 Township: 4S Range: 2W
Company that filed original application:	HARVEST (US) HOLDINGS INC
Date original permit was issued:	05/04/2011
Company that permit was issued to:	HARVEST (US) HOLDINGS INC

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>B001834</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Kelly Donohoue Title RM Land Manager
Signature *Kelly Donohoue* Date 7/7/11
Representing (company name) Newfield Production Company

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:		5. LEASE DESIGNATION AND SERIAL NUMBER:	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		FEE	
2. NAME OF OPERATOR:		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
NEWFIELD PRODUCTION COMPANY			
3. ADDRESS OF OPERATOR:		7. UNIT or CA AGREEMENT NAME:	
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		UINTA CB -WASATCH LIGHT	
4. LOCATION OF WELL:		8. WELL NAME and NUMBER:	
FOOTAGES AT SURFACE: 0660 FSL 1980 FWL		WILLIAMS 14-8-4-2W	
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 8, T4S, R2W		9. API NUMBER:	
		4301350617	
		10. FIELD AND POOL, OR WILDCAT:	
		UINTA CENTRAL BASIN	
		COUNTY: DUCHESNE	
		STATE: UT	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
Approximate date work will	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
Date of Work Completion:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
08/08/2011	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7/29/11 MIRU Ross #24. Spud well @7:00 AM. Drill 900' of 12 1/4" hole with air mist. TIH W/ 21 Jt's 8 5/8" J-55 24# csgn. Set @ 900.10. On 8/8/11 cement with 445 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 40 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Britt Stubbs TITLE Spud Rig Foreman
SIGNATURE  DATE 08/08/2011

(This space for State use only)

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AUG 16 2011

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT

900.1

LAST CASING 14 SET AT 30

DATUM 13

DATUM TO CUT OFF CASING 13

DATUM TO BRADENHEAD FLANGE 13

TD DRILLER 900 LOGGER

HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**

WELL WILLIAMS 14-8-4-2W

FIELD/PROSPECT **Monument Butte**

CONTRACTOR & RIG # **Ross #31**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		Well Head					A	1.42
21	8 5/8"	casing (shoe jt 38.45)		24	J-55	STC	A	886.78
1	8 5/8"	Guide Shoe					A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				889.1
TOTAL LENGTH OF STRING		889.1	21	LESS CUT OFF PIECE				2
LESS NON CSG. ITEMS		2.32		PLUS DATUM TO T/CUT OFF CSG				13
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				900.10
TOTAL		886.78	21	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)								
TIMING								
BEGIN RUN CSG.	Spud	7:00 AM	7/29/2011	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		8:00 AM	8/6/2011	Bbls CMT CIRC TO SURFACE				40
BEGIN CIRC		9:08 AM	8/8/2011	RECIPROCATED PIP				No
BEGIN PUMP CMT		9:32 AM	8/8/2011	BUMPED PLUG TO				551
BEGIN DSPL. CMT		9:48 AM	8/8/2011					
PLUG DOWN		10:01 AM	8/8/2011					

CEMENT USED		CEMENT COMPANY- BJ Services
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	445	Class "G"+2%CaCl Mixed@ 15.8ppg W/1.17 yield returned 40 bbls to pit
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle of first, top of second and third for a total of three.		

COMPANY REPRESENTATIVE

Britt Stubbs

DATE **8/8/2011**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	18164	4301350617	WILLIAMS 14-8-4-2	SESW	8	4S	2W	DUCHESNE	7/27/2011	8/25/11
WELL 1 COMMENTS: WSTC CONFIDENTIAL											
B	99999	17400	4301350535	GMBU K-1-9-16	SWNW	6	9S	17E	DUCHESNE	8/2/2011	8/25/11
GRRV BHL Rng 16E Sec 1 NESE											
B	99999	17400	4301350548	GMBU S-5-9-17	NWSE	5	9S	17E	DUCHESNE	8/4/2011	8/25/11
GRRV BHL= SESE											
B	99999	17400	4301350547	GMBU R-5-9-17	NWSE	5	9S	17E	DUCHESNE	8/3/2011	8/25/11
GRRV BHL= NESW											
B	99999	17400	4301350673	GMBU S-2-9-15	SWSE	2	9S	15E	DUCHESNE	8/1/2011	8/25/11
GRRV BHL= NESE											
B	99999	17400	4301350674	GMBU V-2-9-15	SWSE	2	9S	15E	DUCHESNE	8/2/2011	8/25/11
GRRV BHL= SESE											

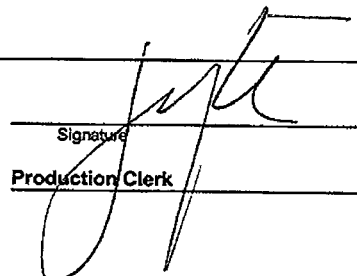
ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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AUG 10 2011

DIV. OF OIL, GAS & MINING

Signature: 
Production Clerk: Jentri Park
08/10/11

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: WILLIAMS #14-8-4-2			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 04.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013506170000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: WILDCAT			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/16/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield requests that we amend the casing on the Williams 14-8-4-2W from 8 5/8 J-55 #32 LTC to 8 5/8 J-55 #24 STC. Newfield acquired this APD during the Harvest transaction. This change will realign the design to better match the Newfield Casing Program.					
Approved by the Utah Division of Oil, Gas and Mining Date: 08/31/2011 By: <u><i>Derek Quist</i></u>					
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825			
SIGNATURE N/A		TITLE Regulatory Tech DATE 8/16/2011			

Well name:	43013506170000 Williams #14-8-4-2rev.		
Operator:	Newfield	Project ID:	43-013-50617
String type:	Surface		
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 86 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 372 ft

Burst

Max anticipated surface pressure: 748 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 850 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 740 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 8,500 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,195 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 850 ft
Injection pressure: 850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	850	8.625	24.00	J-55	ST&C	850	850	7.972	4376
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	380	1370	3.608	850	2950	3.47	20.4	244	11.96 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: August 31, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 850 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED Aug. 16, 2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: WILLIAMS #14-8-4-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 04.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013506170000
9. FIELD and POOL or WILDCAT: WILDCAT		COUNTY: DUCHESNE
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/20/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well was completed on 10/20/2011. Attached is a daily completion status report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 11/7/2011	

Daily Activity Report

Format For Sundry

WILLIAMS 14-8-4-2W

8/1/2011 To 12/30/2011

9/27/2011 Day: 1

Completion

Rigless on 9/27/2011 - RU 10K frac tree & pressure test. Ran CBL & shot 1st stage. - RU 10K frac valve 7 BOPs. Pressure test frac stack to 10,000 psi for 30 min. RU WLT & ran CBL. Pressure test csg to 6200 psi. Perforate stage 1 as detailed.

Daily Cost: \$0

Cumulative Cost: \$26,890

9/28/2011 Day: 2

Completion

Rigless on 9/28/2011 - Frac first 4 stages as detailed - Frac first 4 stages as detailed. 8250 BWTR.

Daily Cost: \$0

Cumulative Cost: \$73,190

9/29/2011 Day: 3

Completion

Rigless on 9/29/2011 - Frac remaining 2 stages & open for flowback - Frac remaining 2 stages & open for immediate flowback @ 1:00 PM on 18/64 choke w/ 2700 psi. Shut well in @ 10:45 AM 9/28/11 w/ 115 psi on 30/64" choke. Recovered 2463 BW. 10538 BWTR.

Daily Cost: \$0

Cumulative Cost: \$325,088

9/30/2011 Day: 4

Completion

Stone #8 on 9/30/2011 - Set kill plug. MIRUSU. PU 80- jts tbg. - RU WLT & set kill plug @ 6930'. Bleed pressure off well. MIRUSU. ND 10K frac stack. NU 5K BOPs & annular. PU 4 3/4" bit, bit sub, 1- jt tbg, XN nipple, 1- jt tbg, X nipple & 40- jts tbg. Circulate oil out of wellbore. Continue PU 40- jts tbg & circulate well w/ 20 BW. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$341,711

10/3/2011 Day: 5

Completion

Stone #8 on 10/3/2011 - Drill out plugs & clean out to PBTD. - Check pressure on well, 1000 psi. Bleed pressure off well. Continue PU tbg (circulate well after each 35- jts) tag kill plug @ 6920'. RU drill equipment. Drill out kill plug in 30 min. Continue PU tbg & tag plug @ 7160'. Drill out plug in 30 min. Continue PU tbg & tag fill @ 7390'. Clean out to plug @ 7450'. Drill out plug in 55 min. Csg flowing @ 300 psi full open. Continue PU tbg & tag fill @ 7525'. Clean out to plug @ 7590'. Drill out plug in 40 min. Csg flowing @ 150 psi full open. Continue PU tbg & tag plug @ 7780'. Drill out plug in 20 min. Continue PU tbg & tag plug plug @ 7950'. Drill out plug in 20 min. Csg was flowing @ 50 psi full open. Continue PU tbg & tag fill @ 8222'. Clean out to PBTD @ 8268'. Circulate well clean. RD power swivel. LD 4- jts tbg, EOT @ 8133'. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$348,351

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10/4/2011 Day: 6**Completion**

Stone #8 on 10/4/2011 - LD 40- jts tbg & put flowing up tbg - Check pressure on well, 1800 psi. Open to tanks and bleed pressure down. Put flowing up production equipment. LD 40- jts tbg & place EOT @ 6873'. RD rig floor & Hydrill. RU valves to flow up tbg. Pump ball down tbg & pump bit off w/ 1750 psi. Put flowing to treater @ 12:30 w/ 500 psi. RDMOSU.

Daily Cost: \$0

Cumulative Cost: \$354,481

10/21/2011 Day: 8**Completion**

Nabors #1108 on 10/21/2011 - Round trip tbg & land well. - Circulate well w/ 150 BW. TOH w/ tbg. TIH w/ production tbg as detailed. RD rig floor. ND BOPs. Set TA w/ 18,000#s tension. NU wellhead. SWIFN. - Circulate well w/ 150 BW. TOH w/ tbg. TIH w/ production tbg as detailed. RD rig floor. ND BOPs. Set TA w/ 18,000#s tension. NU wellhead. SWIFN. - Flush tbg w/ 60 BW. PU 2 1/2" X 1 3/4" X 24' RHAC rod pump. PU rods as detailed. Fill tbg w/ 2 BW. Stroke test pump w/ rig to 800 psi. RU pumping unit. - Flush tbg w/ 60 BW. PU 2 1/2" X 1 3/4" X 24' RHAC rod pump. PU rods as detailed. Fill tbg w/ 2 BW. Stroke test pump w/ rig to 800 psi. RU pumping unit. - Circulate well w/ 150 BW. TOH w/ tbg. TIH w/ production tbg as detailed. RD rig floor. ND BOPs. Set TA w/ 18,000#s tension. NU wellhead. SWIFN. - MIRUSU. RU pump & pump lines. Kill tbg w/ 30 BW. PU 45- jts tbg & tag PBTD @ 8268'. Circulate well w/ 160 BW. LD 8- jts tbg. TOH w/ 40- jts tbg & SWIFN. - MIRUSU. RU pump & pump lines. Kill tbg w/ 30 BW. PU 45- jts tbg & tag PBTD @ 8268'. Circulate well w/ 160 BW. LD 8- jts tbg. TOH w/ 40- jts tbg & SWIFN. - MIRUSU. RU pump & pump lines. Kill tbg w/ 30 BW. PU 45- jts tbg & tag PBTD @ 8268'. Circulate well w/ 160 BW. LD 8- jts tbg. TOH w/ 40- jts tbg & SWIFN. - Flush tbg w/ 60 BW. PU 2 1/2" X 1 3/4" X 24' RHAC rod pump. PU rods as detailed. Fill tbg w/ 2 BW. Stroke test pump w/ rig to 800 psi. RU pumping unit. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$415,363

Pertinent Files: [Go to File List](#)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No.			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						FEE (Private)			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						6. If Indian, Allottee or Tribe Name			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202				3a. Phone No. (include area code) (435) 646-3721		7. Unit or CA Agreement Name and No.			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 660' FSL & 1980' FWL (SE/SW) SEC. 8, T4S, R2W At top prod. interval reported below At total depth 8400'						8. Lease Name and Well No. WILLIAMS 14-8-4-2W			
14. Date Spudded 07/29/2011		15. Date T.D. Reached 08/20/2011		16. Date Completed 10/03/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		9. AFI Well No. 43-013-50617			
18. Total Depth: MD 8400' TVD		19. Plug Back T.D.: MD 8268' TVD		20. Depth Bridge Plug Set: MD TVD		10. Field and Pool or Exploratory WILDCAT			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		11. Sec., T., R., M., on Block and Survey or Area SEC. 8, T4S, R2W			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	8-5/8" J-55	24#	0	900'		445 CLASS G			
7-7/8"	5-1/2" M-80	17#	0	8313'		320 PRIMLITE		55'	
						610 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 8083'	TA @ 7910'							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Wasatch		7615'	8209'	6982-8209'		.42"	159		
B) Green River		6982'	7555'						
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
6982-8209'		Frac w/ 58600#s 100 mesh, 290350#s 20/40 white sand and 48445# 20/40 TLC, in 1376 bbls of Slickwater fluid, in 6 stages.							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/3/11	10/14/11	24	→	55	7	105			2-1/2" x 1-3/4" x 24" RPA
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

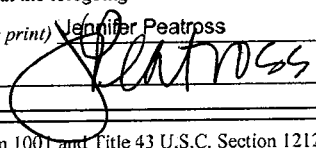
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH GREEN RIVER	7615' 6982'	8209' 7555'		GARDEN GULCH MRK GARDEN GULCH 1	5051' 5285'
				GARDEN GULCH 2 DOUGLAS CREEK MRK	5417' 6105'
				UTELAND WASATCH	7435' 7575'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jennifer Peatross
 Signature 

Title Production Technician
 Date 11/16/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

Daily Activity Report**Format For Sundry****WILLIAMS 14-8-4-2W****6/1/2011 To 10/30/2011****WILLIAMS 14-8-4-2W****Waiting on Cement****Date:** 8/8/2011

Ross #31 at 900. Days Since Spud - BLM & state were notified of spud via e-mail. - On 7/29/11 Ross #31 spud and drilled 900' of 12 1/4" hole. P/U and run 21 jts of 8 5/8 casing set - mixed @ 15.8 ppg and 1.17 yield. Returned 40bbls to pit, bump plug to 551 psi. - @ 900.10'KB. On 8/8/11 cement w/BJ w/445 sks of class G+2%kcl+.25#CF

Daily Cost: \$0**Cumulative Cost:** \$119,400**WILLIAMS 14-8-4-2W****Drill 7 7/8" hole with fresh water****Date:** 8/16/2011

Capstar #329 at 1636. 1 Days Since Spud - Strap & P/U bit, dir. Tools, and BHA. - TIH (Tag cement @ 862) - Drill f/900 to 910. Perform FIT test using 11.0ppg equivalent mud wt. (126psi/5mins) Test good. - Slip & cut drilling line - Drill F/910 to 1636. Drilling parameters as follows: WOB:17 RPM:200 GPM: 426 - Test BOPE TO 250/5000psi/5min (Annular to 250/2500/5min) Test surface casing to 1500/30min - N/U BOPE. R/U Superchoke and flare igniter. - Move to Williams 14-8-4-2 - RDMO of UT 15-7-4-1W - Drill out cement, float collar, & shoe.

Daily Cost: \$0**Cumulative Cost:** \$170,385**WILLIAMS 14-8-4-2W****Drill 7 7/8" hole with fresh water****Date:** 8/17/2011

Capstar #329 at 4446. 2 Days Since Spud - Rig service - Directional Drill F/3313 to 4446. Drilling parameters as follows: WOB:17 RPM:200 GPM: 426 - Directional Drill F/1636 to 3313. Drilling parameters as follows: WOB:17 RPM:200 GPM: 426

Daily Cost: \$0**Cumulative Cost:** \$203,202**WILLIAMS 14-8-4-2W****Drill 7 7/8" hole with fresh water****Date:** 8/18/2011

Capstar #329 at 6352. 3 Days Since Spud - Directional Drill F/4446 to 5218. Drilling parameters as follows: WOB:17 RPM:200 GPM: 426 - Rig service - Directional Drill F/5218 to 6352. Drilling parameters as follows: WOB:17 RPM:200 GPM: 426

Daily Cost: \$0**Cumulative Cost:** \$232,180**WILLIAMS 14-8-4-2W****Drill 7 7/8" hole with fresh water****Date:** 8/19/2011

Capstar #329 at 7959. 4 Days Since Spud - Directional Drill F/6352 to 6898. Drilling parameters as follows: WOB:20 RPM:200 GPM: 426 - Directional Drill F/6898 to 7959. Drilling parameters as follows: WOB:20 RPM:200 GPM: 426 - Rig service

Daily Cost: \$0**Cumulative Cost:** \$255,274

WILLIAMS 14-8-4-2W**Logging****Date:** 8/20/2011

Capstar #329 at 8400. 5 Days Since Spud - TOH F/ logs - Directional Drill F/7959 to 8400 .
Drilling parameters as follows: WOB:21 RPM:200 GPM: 426 - Circulate & condition hole F/logs.
Bring Vis/Wt up to 35/9.1 (High vis sweep) - Short trip to 6000. (Tight F/6800 to 8380, free
on TIH) - Circulate bottoms up. - Log well as per geologic program. (Logs to 8395) - S/M &
R/U Halliburton loggers.

Daily Cost: \$0**Cumulative Cost:** \$300,885**WILLIAMS 14-8-4-2W****Rigging down****Date:** 8/21/2011

Capstar #329 at 8400. 6 Days Since Spud - Lead,610sx/135bbls/14.4ppg Tail, Displace
w/192.3bbls H2O. Final circulating pressure:2450 psi. - Bumped plug @ 3130 psi. Floats held.
Full returns throughout cement job 10 bbls cement to - surface. - N/D BOPE, dump &
clean pits. Rig released @23:00. - Cement Production casing as follows:10BBLS Mud Clean,20
bbls H2O, 320sx/201bbls/11ppg - Circulate during S/M and R/U cementers. - Pump through
cement lines to ensure unplugged. Land casing in wellhead. - off. Began circulating and L/D 1
Jt.(196 Jts + Landing Jt. Total in hole) - Run 196 Jts. 5.5" 17# M-80 8rd LT&C Casing. Full
displacement throughout.(Fill @ 8342) - R/D Loggers, R/U to run production casing. -
Continue open hole logs as per geologic program. - Wash casing F/8342-8348. Packed off.
Kicked pump out @900psi, worked tight hole until pressure fell **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$472,818

Pertinent Files: [Go to File List](#)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
E	18194	17400	4301350657	GMBU W-32-8-17	SESW	32	8S	17E	DUCHESNE	6/17/2011	
WELL 1 COMMENTS: Take out of 18194 and WSTC formation and move to the 17400 entity with GRRV formation											
E	18243	17400	4301350650	GMBU S-32-8-17	NWSE	32	8S	17E	DUCHESNE	6/15/2011	1/31/12
Take out of 18243 and GRWS formation and move to the 17400 entity with GRRV formation BHL = SESE											
E	18164	18164	4301350617	WILLIAMS 14-8-4-2	SESW	8	4S	2W	DUCHESNE	7/27/2011	1/31/12
CHANGE TO GR-WS FORMATION CONFIDENTIAL											
E	18187	18187	4304751415	RIO GRANDE 12-13-4-1W	NWSW	13	4S	1W	UINTAH	8/18/2011	1/31/12
CHANGE TO GR-WS FORMATION											
E	18260	18260	4301350876	CONDOR TRUST 6-17-4-1W	NENW	17	4S	1W	DUCHESNE	9/28/2011	1/31/12
CHANGE TO WSTC FORMATION BHL: NENW CONFIDENTIAL											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

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JAN 27 2012

DIV. OF OIL, GAS & MINING

Signature

Production Clerk

Jentri Park

01/27/12

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: WILLIAMS #14-8-4-2	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013506170000	
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000, Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext	9. FIELD and POOL or WILDCAT: SOUTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 04.0S Range: 02.0W Meridian: U	COUNTY: DUCHESNE	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/7/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Site Facility/Site Security"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.






SEE ATTACHED REVISED SITE FACILITY DIAGRAM

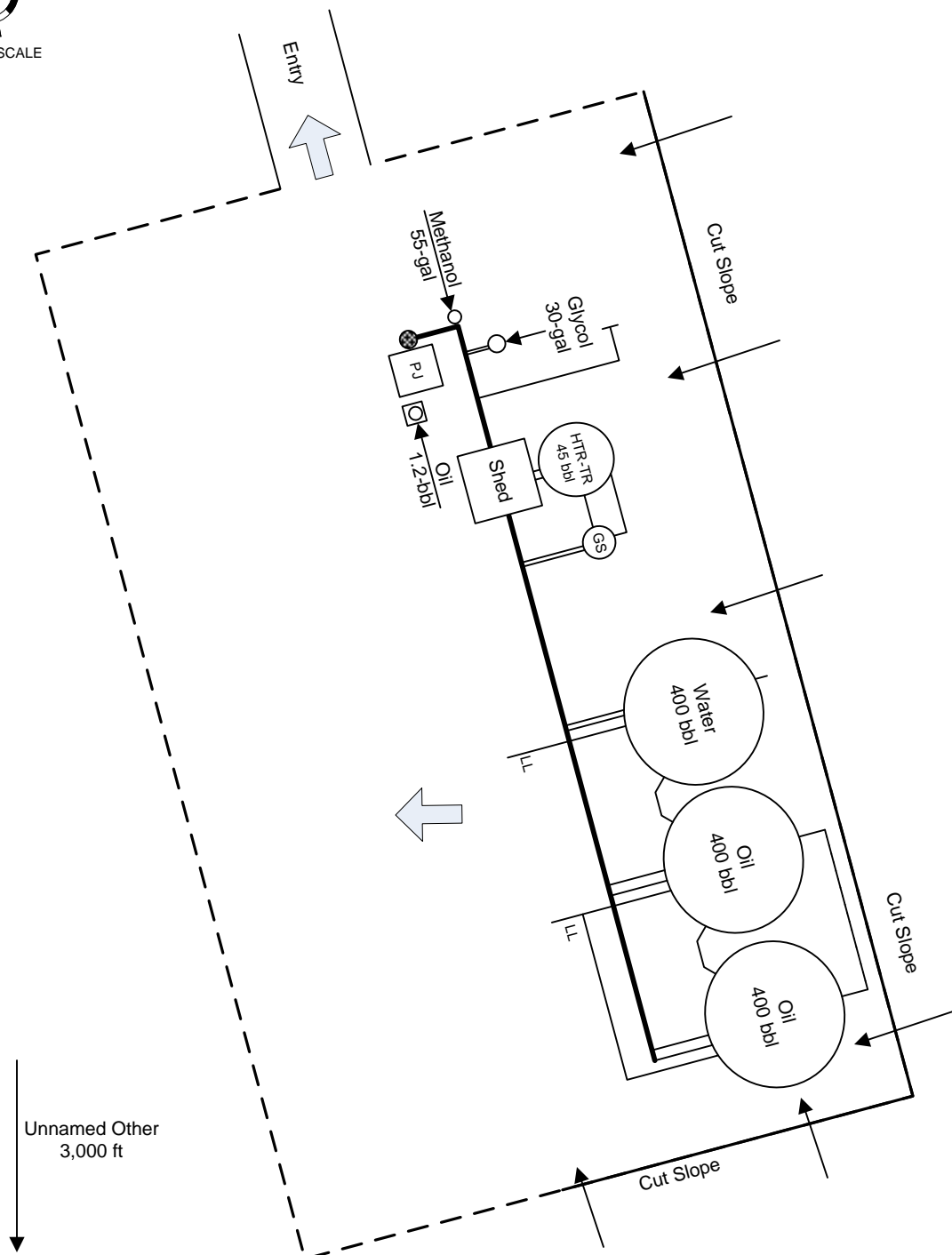
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 14, 2013

NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A		DATE 1/25/2013



LEGEND

- | | |
|---|--|
| ---- | FENCE |
| ---- | BERM |
| ===== | ABOVEGROUND PIPING |
| | UNDERGROUND PIPING
(LOCATION APPROXIMATE) |
|  | METER HOUSE |
|  | DIRECTION OF FLOW |
| bbi | BARREL(S) |
| LL | LOAD LINE |
|  | WELL HEAD |
|  | PUMP JACK |
|  | GAS SCRUBBER |
| HTR-TR | HEATER TREATER |



**ALL UNDERGROUND PIPING IS FOR
PROCESS FLOW DEMONSTRATION ONLY**





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 28, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5276 0440

Mr. Kirby Carroll
Newfield Production Company
1001 17th Street, STE 2000
Denver, CO 80202

43 013 50617
Williams #14-8-4-2
8 4S 2W

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Carroll:

As of August 2016, Newfield has thirty-two (32) State and Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas and Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

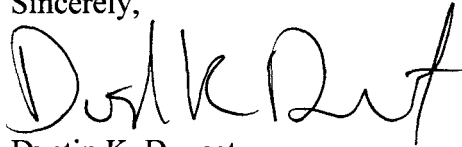
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/DD/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years.Months Inactive
1	GMBU 2-16-9-18H	43-047-52013	ML-48378	4.4
2	Gulf State 36-13	43-047-31345	ML-22057	9.2
3	Moon 3-20-4-2	43-013-50007	Fee	3.5
4	S Mon Butte ST P-2-9-16	43-013-50118	ML-21839	3.6
5	State 3-16-9-18	43-047-35813	ML-48378	3.5
6	Wells Draw ST 7-36	43-013-30934	ML-21835	3.4
7	Prewitt 10-24	43-013-31865	Fee	3.2
8	W Draw ST N-32-8-16	43-013-34146	ML-45555	2.4
9	Wells Draw 2-32-8-16	43-013-32220	ML-21836	2.3
10	GMBU N-2-9-15	43-013-50910	ML-43538	2.2
11	GMBU M-2-9-15	43-013-50909	ML-43538	2.1
12	Moon 1-29-4-2	43-013-50006	Fee	2.0
13	Moon 1-20-4-2	43-013-50008	Fee	2.0
14	State 1-36-8-15	43-013-34234	ML-21835	2.5
15	Ashley ST 6-2-9-15	43-013-32584	ML-43538	1.10
16	Allen Trust 2-24	43-013-31944	Fee	1.9
17	Lamb 4-34-4-1E	43-047-40272	Fee	1.5
18	Wells Draw 4-32-8-16	43-013-32222	ML-21836	1.8
19	Greater Mon Butte T-36-8-16	43-013-50211	ML-22061	1.8
→ 20	Williams #14-8-4-2	43-013-50617	Fee	1.8
21	Hancock 11-21-4-1	43-013-33242	Fee	1.5
22	Malnar 9-19-4-1	43-013-33913	Fee	1.2
23	Hancock 16-20-4-1	43-013-33914	Fee	1.0
24	State 12-36-8-15	43-013-34224	ML-21835	2.1
25	State 4-36-8-15	43-013-34231	ML-21835	1.4
26	Roberts 4-19-4-1	43-013-50072	Fee	1.1
27	Mon Butte East K-36-8-16	43-013-50112	ML-22061	1.1
28	S Mon Butte ST N-2-9-16	43-013-50117	ML-21839	1.4
29	Wilcken 16-23-4-2	43-013-50304	Fee	1.0
30	Hancock 12-7-4-1W	43-013-50422	Fee	1.3
31	State 1-16-9-18	43-047-35811	ML-48378	1.6
32	Lamb 1-34-4-1E	43-047-40275	Fee	1.1



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 14, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5276 0525

Ms. Assiya Bekniyazova
Newfield Production Company
4 Waterway Square PL, STE 100
The Woodlands, TX 77380

43 013 50617
Williams #14-8-4-2
8 AS 2W

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Bekniyazova:

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Page 2
Newfield
December 14, 2016

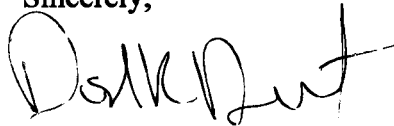
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Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/DD/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

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ATTACHMENT A

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